

PATENT APPLICATION  
Docket No.: COS-865

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:                   DAVID W. KNOEPPPEL  
  TIM J. COFFY  
  HENRY J. ENRIQUEZ  
  STEVEN D. GRAY

Title:                                   **ZIEGLER-NATTA CATALYST FOR POLYOLEFINS**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Pursuant to the provisions of 37 C.F.R. §1.97, et. seq., the applicants submit the relevant documents of which they are currently aware and respectfully request that this information be entered into the application file. Copies of the documents identified on the attached PTO-1449 are enclosed.

By this submission, the applicants do not assert that a search of the prior art was made or that the patents and documents cited constitute all relevant prior art. The references cited constitute only that information now known to the applicants, which, in the reasonable opinion of the applications is relevant to the claimed invention. The Examiner is requested to consider these documents and to indicate in the next future office action these documents are made of record.

The Commissioner is authorized to charge any fees due by filing this paper or to credit any overpayment to Deposit Account No. 03-3345.

Respectfully submitted,



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|---|------------------------------------|--------------------------|
| <b>INFORMATION DISCLOSURE CITATION</b><br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br><b>COS-865</b> | SERIAL NO.<br><b>NEW</b> |
|   | APPLICANT<br><b>KNOEPPEL ET AL</b> |                          |
|   | FILING DATE                        | GROUP                    |

**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE       | NAME           | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|----|-----------------|------------|----------------|-------|----------|----------------------------|
|                  | AA | 4 1 0 7 4 1 3   | 8/15/1978  | Giannini et al | 526   | 114      |                            |
|                  | AB | 4 2 9 4 7 2 1   | 10/13/1981 | Cecchin et al  | 252   | 429      |                            |
|                  | AC | 4 4 3 9 5 4 0   | 3/27/1984  | Cecchin et al  | 502   | 125      |                            |
|                  | AD | 4 1 1 4 3 1 9   | 9/19/1978  | Governale      | 49    | 488      |                            |
|                  | AE | 4 2 2 0 5 5 4   | 9/2/1980   | Scata          | 252   | 429      |                            |
|                  | AF | 4 4 6 0 7 0 1   | 7/17/1984  | Terano et al   | 502   | 104      |                            |
|                  | AG | 4 5 6 2 1 7 3   | 12/31/1985 | Terano et al   | 502   | 127      |                            |
|                  | AH | 5 0 6 6 7 3 8   | 11/19/1991 | Ewen           | 526   | 124      |                            |
|                  | AI | 6 1 7 4 9 7 1   | 1/16/2001  | Chen et al     | 526   | 125.3    |                            |
|                  | AJ | 5 1 0 6 8 0 4   | 4/21/1992  | Bailly et al   | 502   | 108      |                            |
|                  | AK | 5 1 5 3 1 5 8   | 10/6/1992  | Kioka et al    | 502   | 126      |                            |
|                  | AL | 5 5 9 4 0 7 1   | 1/14/1997  | Takahashi      | 525   | 240      |                            |
|                  | AM |                 |            |                |       |          |                            |
|                  | AN |                 |            |                |       |          |                            |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
|  |    |                 |      |         |       |          | YES         | NO |
|  | AP |                 |      |         |       |          |             |    |
|  | AQ |                 |      |         |       |          |             |    |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|  |    |  |
|--|----|--|
|  | AR |  |
|  |    |  |
|  | AS |  |
|  |    |  |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conference and not considered. Include copy of this form with next communication to applicant.